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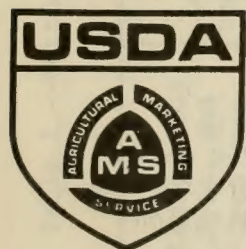
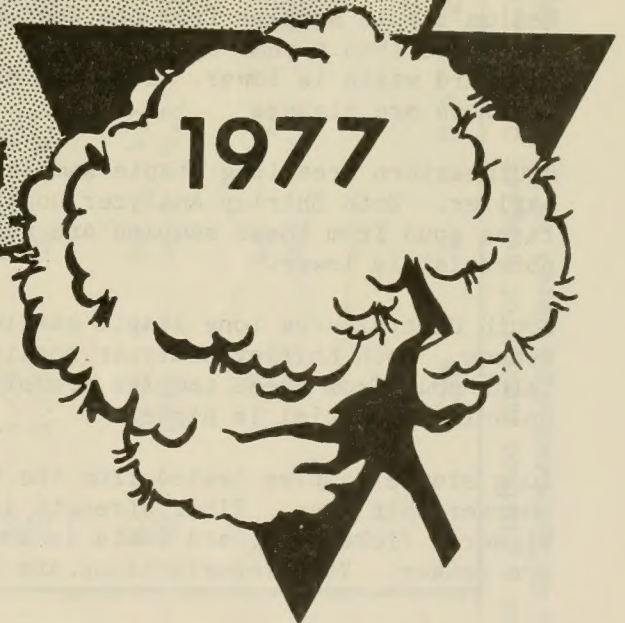
LF A.S. - Univ. of Florida

Cotton Fiber and Processing Test Results



CROP of

1977



Agricultural Marketing Service
U.S. DEPARTMENT OF AGRICULTURE
Memphis, Tenn. 38122 December 16, 1977

COTTON FIBER AND PROCESSING TEST RESULTS, CROP OF 1977

Discussion of Test Results

Fiber and spinning properties of this season's short staple cottons are superior to last season's cottons. Fibers are longer, more uniform and finer than a year earlier. Fibers are stronger at both zero gage and 1/8" gage tests. Picker and card waste is lower than it was last year. Yarns spun from these samples are much stronger and have a higher spinning potential number.

Average results for all medium staple samples tested through this date a year ago show fibers to be longer, more uniform and coarser. Shirley Analyzer nonlint content is higher, but picker and card waste is lower. Yarns spun from these samples are slightly weaker and have lower appearance grades. Yarn imperfections are higher.

Medium staple samples tested from the Southeast show fibers to be slightly longer, more uniform and coarser. Fiber strength is weaker at 1/8" gage fiber strength. Yarns spun from these samples are weaker with lower appearance grades. Average spinning potential is lower.

South Central medium staple samples tested to date show fibers to be longer, more uniform and coarser. Fibers are weaker at zero gage fiber strength. Shirley Analyzer nonlint content is higher, but picker and card waste is slightly lower. Yarns spun from these samples are weaker with lower appearance grades. Yarn imperfections are higher.

Southwestern medium staple samples are longer, more uniform and stronger at zero gage strength tests. Picker and card waste is lower. Yarns spun from these samples are weaker with lower appearance grades. Imperfections and the spinning potential are both lower.

Medium staple samples from the West are slightly more uniform, coarser and stronger at zero gage than a year ago. Shirley Analyzer nonlint content is higher, while picker and card waste is lower. Yarn appearance grades are lower than a year ago. Imperfections are higher.

Southeastern area long staple samples tested are shorter and coarser than a year earlier. Both Shirley Analyzer nonlint content and picker and card waste are higher. Yarns spun from these samples are weaker with lower appearance grades. Spinning potential is lower.

South Central area long staple samples are longer, more uniform and coarser than last season. Both Shirley Analyzer nonlint content and picker and card waste are higher. Yarns spun from these samples are slightly weaker and have higher imperfections. Spinning potential is higher.

Long staple samples tested from the West show fibers to be shorter, less uniform and coarser this year. Fiber strength is stronger. Shirley Analyzer nonlint content is higher. Picker and card waste is lower than a year ago. Yarns spun from these samples are weaker. Yarn imperfections are lower. Spinning potential is lower.

These reports are published bi-weekly during the harvesting season and will be summarized in a comprehensive report at the end of the crop year. A detailed description of the tests shown in this report may be found in the summary report for the previous season.^{1/} These reports are available on request from the Standardization Section, Cotton Division, Agricultural Marketing Service, U. S. Department of Agriculture, 4841 Summer Avenue, Memphis, TN 38122.

^{1/} Summary of Cotton Fiber and Processing Test Results, Crop of 1976, USDA, AMS Cotton Division, June 1977.

Table 1.--Cotton: Averages of fiber and processing tests from selected gin points in the United States through December 9, 1977 1/

Staple group Area, and Crop year	Lots tested	Fiber test results						Processing test results					
		Fibrograph		Mike fine- ness	Fiber strength		S A nonlint	P & C waste	Yarn quality		Spin. Potent.		
		2.5% span	50/2.5 unif.		Pct.	Rdg.			Zero gage	1/8" gage		Skein str.	Appear- ance
				Inches			Pct.	Mpsi			G/tex		
		No.											
Short Staple: Southwest	23	0.95	45	4.5	85	21	3.2	7.1	85	111	13	35	
	73	0.98	46	4.2	89	22	3.2	5.4	100	110	13	49	
Medium Staple: Southeast	33	1.07	45	4.6	86	23	3.2	6.3	106	100	20	56	
	34	1.08	46	4.8	86	22	3.2	6.1	96	94	20	50	
South Central	102	1.08	44	4.2	88	23	2.7	6.2	108	99	16	55	
	123	1.11	45	4.6	86	23	3.5	6.0	104	95	22	57	
Southwest	30	1.07	45	4.1	81	22	3.3	6.4	104	95	22	57	
	46	1.08	46	4.2	86	22	3.2	5.7	100	90	19	54	
West	40	1.12	45	4.1	90	26	2.2	5.6	121	90	19	68	
	62	1.12	46	4.3	95	26	2.5	5.2	120	86	21	69	
U.S. Average	205	1.08	45	4.2	87	24	2.8	6.1	109	98	18	58	
	265	1.10	46	4.5	88	23	3.2	5.8	106	92	21	58	
Significant dif- ference 2/		0.02	2	0.2	2	1	0.5	0.5	4(22s)	5	2	3	

1/ Based on a limited number of samples of modal quality
2/ Minimum differences considered to be significant for comparisons in this table.

Table 1.--Cotton: Averages of fiber and processing tests from selected gin points in the United States through December 9, 1977
1/ (Continued)

Staple group, Area, and Crop year	Lots	Fiber Test Results						Processing Test Results										SPY
		Length Span		Unif	Mike	Strength Zero gage	SA Non- lint	P&C Waste	Comber Waste	Yarn Quality					No.			
										Strength carded	Appearance carded	Imprfctns card	comb					
22s Carded & Combed Yarn																		
No.	In.	Pct.	Rdg.	Mpsi	G/tx	Pct.	Pct.	Pct.	Lbs.	Lbs.	Indx	Indx	No.	No.	No.	No.		
Long Staple: Southeast	7	1.15	45	4.4	87	25	2.9	6.3	15.7		118	139	106	120	19	8	68	
	12	1.13	45	4.8	88	23	3.5	7.1	*		99	*	102	*	18	*	58	
South Central	3	1.12	42	3.7	91	26	3.4	6.8	20.3		109	137	97	103	13	10	57	
	3	1.16	45	4.5	92	24	4.3	7.2	*		106	*	97	*	24	*	63	
West	1	1.20	48	3.8	89	26	2.9	6.4	11.8		147	162	90	100	30	12	103	
	6	1.18	47	4.1	92	27	3.2	6.0	*		130	*	92	*	24	*	89	
Significant Difference 2/		0.02	2	0.2	2	1	0.5	0.5	0.5	0.5	4(22s)	5	5	5	2	2	3	

1/ Based on a limited number of samples of modal quality
2/ Minimum differences considered to be significant for comparisons in this table.
* Combed data not available.

Table 2 --Cotton, American upland short staple: Quality characteristics by production areas, crop of 1977

Production Area, Classification & Sample Number				Fiber Test Results										Processing Test Results - Carded Yarns									
No	Grade	Stple	32s	Digital Fibrograph		Mike	Fiber Strength		Elon- gat'n 1/8"	S.A. Non- lint		Color Raw Stock		P & C Waste	Strength		Elongation		Appearance Index		Imprfct'ns		Spin. Potent- tial
				2.5% span	Unif		Zero Gage	1/8" Gage		Pct	Rdg	Mpsi	G/tex		Pct	No	Gra	Yel	8s or 74 tx	Lbs	8s or 74 tx	Pct	
SOUTHWEST AREA																							
NORTHWEST TEXAS																							
ANSON																							
3	MID LT SP	32	31	0.93	47	3.8	90	23	LANKART 611	3.5	2	4		5.5	285	92	7.6	6.2	120	100	31	20	42
BROWNFIELD																							
2	SLM	41	33	1.01	46	4.0	87	22	GSA71	3.1	1	4		5.5	312	106	7.8	6.3	130	110	26	16	56
GOREE																							
3	MID LT SP	32	32	1.05	47	4.6	84	23	TAMCOT SP21	2.9	1	4		4.0	314	108	7.8	6.3	130	110	20	15	60
HALE CENTER																							
2	SLM	41	33	1.03	46	4.0	87	22	GSA71	4.0	1	3		5.6	307	105	8.3	6.5	120	100	23	16	59
LOCKNEY																							
3	MID LT SP	32	33	1.04	46	4.0	89	21	MORCOT M78	3.0	1	3		4.7	317	113	7.2	5.7	120	110	25	20	66
LOCKNEY																							
2	MID LT SP	32	31	0.96	48	4.6	81	21	PAYMASTER 18	2.6	2	3		5.4	273	90	7.3	5.8	120	120	22	16	42
LOOP																							
2	MID LT SP	32	31	0.96	47	4.3	87	20	GSA71	3.0	1	4		4.8	289	100	7.1	5.8	130	110	21	12	52
LORENZO																							
3	MID	31	32	1.02	45	3.9	85	22	PAYMASTER 303	2.3	0	3		5.0	292	100	7.5	6.0	130	100	16	10	58
NEWCASTLE																							
2	MID LT SP	32	32	0.97	46	4.4	89	20	LANKART 57	3.2	1	4		5.5	278	96	7.1	5.7	120	100	25	17	42
PADUCAH																							
2	MID LT SP	32	31	1.01	47	4.5	86	20	LANKART 57	2.9	1	4		4.6	284	98	7.5	6.2	130	110	21	10	51
PETERSBURG																							
3	SLM	41	32	1.01	46	4.2	83	22	PAYMASTER 303	2.6	1	3		5.0	295	99	7.8	6.3	130	110	19	11	51
RALLS																							
2	SLM	41	33	1.04	45	3.5	83	22	PAYMASTER 303	3.9	1	3		6.2	300	103	8.4	6.5	130	110	23	13	55
RULE																							
3	MID LT SP	32	32	1.03	44	3.8	88	23	LANKART LX571	3.2	1	4		5.6	302	107	7.4	5.9	120	100	27	16	56

1/ Cotton stuck to processing rolls

Table 2 --Cotton, American upland short staple: Quality characteristics by production areas, crop of 1977--(Continued)

Production Area, Classification & Sample Number				Fiber Test Results						Processing Test Results - Carded Yarns													
No	Grade	Style	32s	Digital Fibrograph		Mike	Fiber Strength		Elon- gat'n 1/8"	S.A. Non- lint		Color Raw Stock		P & C Waste	Strength		Elongation		Appearance Index		Imprfct'ns		Spin. Potent- tial
				2.5% span	Unif		Zero	Mpsi		G/tex	Pct	Pct	Gra		Yel	8s or 74 tx	Lbs	8s or 74 tx	Pct	Pct	8s or 74 tx	22sor 27 tx	
SOUTHWEST AREA--(Continued)																							
Northwest Texas--(Continued)																							
SNYDER																							
2 MID	31	31	0.96	45	4.3	87	21	6.7	2.6	1	3	6.1	295	101	7.9	5.9	120	110	20	12	48		
TULIA																							
2 SLM LT SP	42	32	0.96	48	3.9	86	22	7.0	4.4	2	4	6.5	297	99	7.4	6.3	120	110	20	11	48		
VERNON																							
2 MID LT SP	32	30	0.98	47	4.5	90	21	7.3	3.2	3	4	5.5	273	91	7.6	6.0	130	110	21	19	41		
VERNON																							
2 SLM LT SP	42	33	1.04	46	4.2	103	22	6.2	3.4	2	3	5.0	308	103	7.8	6.3	130	110	21	13	56		

Cotton stuck to processing rolls

1/ Cotton stuck to processing rolls

Table 3 --Cotton, American upland medium staple: Quality characteristics by production areas, crop of 1977

Production Area, Classification & Sample Number				Fiber Test Results										Processing Test Results - Carded Yarns											
No	Grade	Name & Code	Stple	Digital Fibrograph		Mike	Fiber Strength		Elon-gat'n 1/8"	S.A. Non-Lint		Color Raw Stock		P & C Waste	Strength		Elongation		Appearance Index		Imprfct'ns		Spin. Potential		
				2.5% span	Unif.		Zero	1/8" Gage		Mpsi	G/tex	Pct	Pct		Gr	Yel	Lbs	Lbs	Pct	Pct	22s or 27 tx	50s or 12 tx		22s or 27 tx	50s or 12 tx
SOUTHEAST AREA																									
ALABAMA																									
3	MID	LT SP	32	33	1.10	44	4.5	83	22	7.3	1.9	2	3	4.5	92	28	5.9	4.5	80	60	17	12	52		
MONTGOMERY																									
1	SLM	LT SP	42	34	1.12	47	5.0	80	22	7.5	2.9	3	3	5.5	101	32	5.9	4.6	90	70	31	21	59		
2	SLM	LT SP	42	34	1.13	46	4.9	78	21	7.6	3.6	2	3	5.9	99	32	5.6	4.0	90	70	29	21	59		
PRATTVILLE																									
2	SLM	LT SP	42	35	1.13	46	4.6	91	25	5.6	3.1	3	3	6.1	109	35	5.5	4.3	90	70	22	19	66		
GEORGIA																									
ALFENTOWN																									
3	SLM	LT SP	42	34	1.07	45	4.7	86	22	5.8	3.5	3	4	7.4	92	28	5.0	3.6	80	70	26	20	47		
SHELLMAN																									
2	MID	LT SP	32	34	1.10	46	5.2	78	21	7.7	2.2	2	4	5.6	100	33	5.8	4.1	100	80	13	8	57		
SOCIAL CIRCLE																									
1	SLM	LT SP	42	34	1.09	44	4.8	80	21	6.4	4.1	3	3	7.7	90	28	5.2	3.5	100	70	23	15	49		
SOUTHCAROLINA																									
MAYESVILLE																									
3	SLM		41	36	1.13	47	4.5	84	23	5.9	2.5	2	2	5.3	109	36	5.6	4.4	90	70	21	17	64		
SOUTH CENTRAL AREA																									
LOUISIANA																									
3	SLM	LT SP	42	34	1.10	44	4.3	81	22	6.7	3.1	3	3	5.7	85	25	5.3	3.8	70	70	30	24	51		
MCNROE																									
3	SLM		41	35	1.14	46	4.4	79	23	7.7	3.2	3	2	6.4	108	37	6.7	5.2	80	70	29	23	66		
SHREVEPORT																									
3	SLM		41	35	1.11	45	5.1	81	22	7.6	3.4	1	2	4.9	100	32	6.0	4.4	90	80	14	12	55		
MISSISSIPPI																									
BRANDON																									
3	SLM	LT SP	42	34	1.08	44	4.6	82	21	7.4	3.5	3	3	6.2	85	29	5.3	3.9	90	70	17	17	42		
EDWARDS																									
3	SLM		41	34	1.10	45	4.7	78	21	6.7	2.5	2	2	4.9	100	34	5.8	4.5	100	70	21	13	58		

Table 3 --Cotton, American upland medium staple: Quality characteristics by production areas, crop of 1977--(Continued)

Production Area, Classification & Sample Number				Fiber Test Results										Processing Test Results - Carded Yarns									
No	Grade	Stple	32s	Digital Fibrograph		Mike	Fiber Strength		Elon-gat'n 1/8"	S.A. Non-Lint	Color Raw Stock		P & C Waste	Strength		Elongation		Appearance Index		Imprfct's		Spin. Potent-ial	
				2.5% span	Unif.		Zero Gage	1/8" Gage			Pct	Pct		Gr	Yel	22s or 27 tx	Lbs	Pct	22s or 27 tx	50s or 12 tx	22s or 27 tx		50s or 12 tx
SOUTHWEST AREA																							
NORTHWEST TEXAS																							
ELDORADO																							
3	MID LT SP	32	31	0.96	44	3.4	88	22	6.8	TAMCOT SP37	3.5	2	3	6.6	83	23 1/2	5.3	4.3	80	70	23	27	25
LUBBOCK																							
3	SLM PLUS	40	36	1.17	46	4.7	87	24	6.7	COKER 312	3.6	1	3	5.5	114	39	5.8	4.5	70	33	24	61	
LUBBOCK																							
3	SLM PLUS	40	36	1.14	43	3.6	81	22	7.6	COKER 5110	3.0	0	3	6.0	107	37	6.1	4.8	80	60	29	23	52
WEST AREA																							
ARIZONA																							
BOWIE																							
2	MID	31	34	1.11	44	4.6	81	19	6.2	STONEVILLE 213	3.5	1	3	5.4	96	30	5.6	3.9	90	70	17	14	52
BUCKEYE																							
2	SLM	41	35	1.09	46	5.1	88	24	6.8	DEITAPINE 61	2.5	2	3	5.4 2/3	107	35	5.8	4.4	100	70	17	12	55
BUCKEYE																							
1	SLM	41	34	1.09	47	5.3	91	23	5.7	STONEVILLE 213	3.3	2	3	6.6	97	29	5.2	3.6	110	80	12	9	51
MARANA																							
1	SLM LT SP	42	35	1.13	44	4.0	78	24	8.3	DELTAPINE 61	3.5	3	3	5.6	110	36	7.0	5.1	80	60	26	23	67
MARICOPA																							
2	SLM	41	35	1.13	43	4.6	87	24	6.7	DELTAPINE 16	2.3	2	2	5.6	108	36	6.0	4.5	100	70	17	14	58
MARICOPA																							
1	SLM	41	34	1.07	44	5.2	89	24	6.5	DELTAPINE 61	3.2	3	3	6.1	94	30	5.1	3.9	90	70	23	19	44
QUEEN CREEK																							
1	SLM	41	35	1.10	46	5.0	88	23	6.4	DELTAPINE 61	3.0	1	3	5.7	99	32	5.5	4.1	90	70	22	19	54

* 100% selected for tests, less than 100% in the area.

1/ End breakage to high to spin 50s yarn. 36s yarn spun and strength adjusted to equivalent of 50s.

2/ Cotton stuck to processing rolls.

Table 3 --Cotton, American upland medium staple: Quality characteristics by production areas, crop of --(Continued)

Production Area, Classification & Sample Number				Fiber Test Results										Processing Test Results - Carded Yarns									
No	Grade	Name & Code	Style	Digital Fibrograph		Mike	Fiber Strength		Elon-gat'n 1/8"	S.A. Non-Lint	Color Raw Stock		P & C Waste	Strength		Elongation		Appearance Index		Imprfct'ns		Spin. Potent-ial	
				2.5% span	Unif.		Zero Gage	1/8" Gage			Pct	Mpsi		G/tex	Pct	No	Yel	Pct	Lbs	22s or 27 tx	Pct		50s or 12 tx
WEST AREA--(Continued)																							
CALIFORNIA																							
ARVIN																							
3	SLM	PLUS	40	36	1.13	47	4.1	95	27	6.5	2.3	1	4	4.5	130	43	6.0	5.0	80	70	23	18	77
BAKERSFIELD																							
3	SLM		41	36	1.13	47	4.1	92	25	6.3	3.2	1	3	5.0	122	45	5.7	4.7	80	60	22	17	78
BUTTONWILLOW																							
2	MID		31	35	1.14	47	4.1	96	28	6.2	2.0	0	2	4.2	124	44	6.0	4.8	80	70	17	15	72
CHOWCHILLA																							
2	SLM	PLUS	40	36	1.12	47	4.2	99	29	6.0	2.9	0	2	5.1	143	52	6.4	5.0	90	70	20	17	87
COALINGA																							
2	MID		31	35	1.12	46	4.8	103	28	5.8	2.0	0	3	5.2	126	42	5.7	4.1	80	70	19	12	64
COALINGA																							
2	MID		31	35	1.12	48	4.5	97	27	5.8	1.6	0	3	4.6	125	42	5.6	4.4	100	80	10	11	70
FIREBAUGH																							
2	MID		31	36	1.15	47	4.3	96	26	6.5	1.8	0	3	4.5	128	46	5.9	4.5	90	70	13	13	78
FIVE POINTS																							
2	MID		31	36	1.14	47	4.4	93	26	6.2	3.1	1	3	5.9	129	45	5.9	4.7	90	70	14	13	74
HOLTVILLE																							
1	SLM		41	34	1.04	45	5.1	93	23	5.9	3.0	2	2	6.9	84	27	4.7	3.6	90	70	39	29	41
LOS BANOS																							
2	SLM		41	36	1.18	48	4.2	94	30	6.3	3.9	0	2	5.3	134	47	6.3	4.8	90	60	19	18	83
MENDOTA																							
2	SLM	PLUS	40	36	1.12	47	4.3	99	30	6.5	2.0	0	3	4.8	139	50	6.0	4.8	90	70	19	17	76
SAN JOAQUIN																							
2	SLM	PLUS	40	36	1.13	48	4.7	94	28	6.3	2.3	0	3	5.4	133	46	6.0	4.7	100	80	13	9	79
SHAFTER																							
3	SLM		41	36	1.14	44	3.6	96	26	6.6	2.9	1	3	5.5	123	43	6.2	4.7	80	60	23	22	70

1/ Cotton stuck to processing rolls.

Table 3 --Cotton, American upland medium staple: Quality characteristics by production areas, crop of 1977--(Continued)

Production Area, Classification				Fiber Test Results										Processing Test Results - Carded Yarns									
Sample Number		Stple	32s	Digital Fibrograph		Mike	Fiber Strength		Elon- gat'n 1/8"	S.A. Non- Lint		Color Raw Stock		P & C Waste	Strength		Elongation		Appearance Index		Imperf'ns		Spin. Poten- tial
				2.5% span	Unif.		Zero Gage	1/8" Gage		Pct	Pct	Gra	Yel		22s or 27 tx Lbs	50s or 12 tx Lbs	22s or 27 tx Pct	50s or 12 tx Pct	22s or 27 tx No	50s or 12 tx No			
No	Grade			In	Pct	Rdg	Mpsi	G/tex	Pct	Pct	No	No	Pct								No	No	No
WEST AREA--(Continued)																							
CALIFORNIA--(Continued)																							
STRATHMORE																							
2	SLM PLUS	40	36	1.10	47	4.2	102	28	5.7	2.1	1	2		4.3	133	46	6.0	5.0	90	70	27	18	78
3	SLM	41	36	1.13	47	3.9	98	27	6.0	2.8	1	2		3.8	135	48	6.3	4.7	80	70	25	17	81
TULARE																							
3	SLM	41	36	1.10	46	4.3	103	27	5.9	2.5	1	3		4.8	136	47	6.2	4.7	90	70	20	17	77
VISALIA																							
3	SLM	41	36	1.14	47	3.8	96	27	6.2	1.6	0	2		4.6	134	47	6.3	4.5	80	70	27	20	85
VISALIA																							
2	SLM PLUS	40	36	1.14	48	4.2	97	27	6.1	1.8	1	2		4.8	139	49	6.0	4.9	80	70	18	14	85
WESTMORLAND																							
2	MID	31	34	1.07	46	5.2	93	25	6.0	2.2	1	3		5.7	102	29	5.1	3.4	100	80	17	11	50

1/ Cotton stuck to processing rolls.

Table 4 --Cotton, American upland long staple: Quality characteristics by production areas, crop of 1977

Production Area, Classification Sample Number		Fiber Test Results										Processing Test Results - Carded Yarns									
		Digital Fibrograph		Mike	Fiber Strength		Elon- gat'n 1/8"	S.A. Non- Lint		Color Raw Stock		P & C Comber Waste	Strength		Elongation		Appearance Index		Imprfct'ns		Spin. Poten- tial
No	Grade Name & Code	2.5% span	Stple 32s	In	Pct	Rdg	Zero Gage	1/8" Gage	Pct	No	Yel	Pct	Lbs	27 tx	Lbs	22s or 12 tx	50s or 12 tx	22s or 27 tx	50s or 12 tx	22s or 27 tx	50s or 12 tx
SOUTHEAST AREA																					
ALABAMA																					
JACKSONVILLE																					
43	3 SLM SP	1.12	34	4.7	46	91	24	310	6.2	4	4	6.7	96	31	85 PERCENT	3.7	100	90	20	13	58
GEORGIA																					
MADISON																					
42	2 SLM LT SP	1.08	34	5.1	44	87	21	310	5.9	4	4	7.2	87	24	100 PERCENT	3.0	100	90	20	14	49
43	3 SLM SP	1.14	34	4.5	44	86	23	310	6.0	4	4	7.4	95	29	5.0	3.6	90	80	20	15	56
NORTH CAROLINA																					
DUNN																					
51	35	1.15	46	4.8	46	87	24	310	6.3	4	2	6.7	106	36	90 PERCENT	4.0	100	80	22	18	64
SOUTH CAROLINA																					
HARTSVILLE																					
51	37	1.18	47	4.5	47	94	25	310	5.8	3	2	6.6	107	37	5.2	4.0	100	90	23	19	69
SOUTH CENTRAL AREA																					
MISSISSIPPI																					
LAKECORMORANT																					
51	36	1.19	46	4.6	46	95	25	310	5.3	4	2	8.1	107	36	5.0	3.9	100	80	21	17	64
WEST AREA																					
NEW MEXICO																					
HATCH																					
42	2 SLM LT SP	1.21	48	4.1	48	93	27	1517-75	6.6	1	3	7.4	134	50	99 PERCENT	5.2	90	70	28	21	112
LAS CRUCES																					
31	36	1.19	46	4.0	46	95	27	1517-V	6.4	0	3	5.2	131	48	100 PERCENT*	4.8	90	70	28	18	92
WEST TEXAS																					
CLINT																					
41	36	1.17	47	4.1	47	95	27	1517-70	6.3	2	3	6.6 1/2	125	44	70 PERCENT	4.3	90	80	16	11	89

* 100% selected for tests, less than 100% in the area.
1/ Cotton stuck to processing rolls.

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